

Regulations Covering Merchant Ships.
Chap II. Ship Construction and Design; Chap III.
Ship Machinery; Chap IV. Ship Equipment; Chap
V. Ship Inspection and Checks, by Thure Wilman,
Helge Jassalo. UNCLASSIFIED

FINNISH, bk, Merilainsaadanto ja Siihen Liittyvat
Maaraykset, 1948, pp 223-253.

Navy Tr 1697/BuShips 641

NSur - Finland
Econ
Sci - Engr
May 58

62,915

Wiberg, Egon and Michaud, Horst.
INFORMATION REGARDING AN ALUMINUM
TRIAZIDE, A METHYL ALUMINUM DIAZIDE, A
BORON TRIAZIDE, AN ETHER-SOLUBLE LITHIUM
BORAZIDE, A SILICON TETRAZIDE, A SODIUM
HEXAZIDOSTANNATE, A MAGNESIUM AZIDE, A
BERYLLIUM AZIDE, A GALLIUM TRIAZIDE (SERIES
OF ARTICLES. (1964) 27p
Order from SLA \$2.40

TT-64-10462

Trans. of Z[eitschrift] für Naturforschung (West
Germany) 1954, v. 9b, p. 493-501.
Another trans. is available from LC or SLA \$2.70,
publ. 40 as TT-60-23043, FA-Trans-93, Jan 60, 27p.

(Chemistry--Inorganic, TT, v. 11, no. 10)

TT-64-10462

- I. Wiberg, E.
- II. Michaud, H.

195475

Office of Technical Services

Process for the Preparation of Highly
Complex Hydrides, by Egon Hilberg,
Gerhard ~~XXXX~~ Schrauner, 10 pp.

GERMAN, Patent No 1,006,553.

SLA 60-18000

Sci
Tech 62
Vol 1, No 2

186,691

The Physiology of Perspiration, by H. Plant,
E. Wilbrand,
GERMAN, por. Z. Biol., Vol 74, 1922, pp 191-216.
NASA TT 8-1045.

U. S. GOVERNMENT USE ONLY

Sci-54M

Apr 66

298,755

Pathogenesis of Eclampsic Hypertension and the
Therapeutic Influence of Ganglionic Block, by
U. Wilbrand, 18 pp.

GERMAN, per, Klin Wochschr, Vol XXXII, 1 Apr
1954, pp 304-310.

SLA Tr 2088

Sci - Med
Jul 57

49,980

Clinical Experiences with the New Antico-
agulant Thrombolytic, by Ulf Wilbrand,
7p.

CHRONIK, per, Deutsche Medizinische
Wochenschrift, Vol 78, No 10, 1953,
pp 330-332.

SLA TT-65-10721

Handwritten signature

333, 643

801

Jul 67

The Importance of Corticosteroids in Ion Transport,
by W. Wilbrecht, 24 pp.

GERMAN, per, Schweizerische Medizinische Wochenschrift,
Vol LXXXIX, No 14, 1959, pp 363-377.

WIN 2-3-61

Sci - Med
Apr 61

145,996

The Problem of the Relationship Between the Action
of Cardiac Glycosides and Corticosteroids, by W.
Wilbrandt, 24 pp.

GERMAN, par, Pharmaceutica Acta Helvetiae, Vol XXXIII,
1958, pp 485-500.

MLA 2-2-61

Sci - Med
Apr 61

145,997

Antagonism Between Cardiac Glycosides and Corticosteroids in the Frog Skin Potential, by W. Wilbrandt,
E. M. Weiss, 15 pp.

GERMAN, per, Arzneimittelforschung, Vol X, 1960,
pp 409-412.

MTN 2-4-61

Sci - Med
Apr 61

145,998

~~SECRET~~

Active Transport Through Surface Barrier, by W. Wilbrandt
24 pp.

GERMAN, per, Klinische Wochenschrift, Vol XLII, No 3,
1963, pp 138-147.

WIN 7-6-63

Sci - Biol & Med
Sep 63

344,328

Phosphatide Formation in the Intestines During
Fat Resorption, by H. Gullmann, W. Wilbrandt, 24 pp.

GERMAN, per, Biochem Z, Vol CCLXX, No 1, 1934,
pp 52-62,

NIH 1-3

Sci - Med

57,801

Jan 58

102
Effect of Curved Surfaces on Turbulent boundary
Layers, by H. Nilsson.

GERMAN, per. Ingenieur-Archiv, Vol 1, No 4,
1930, pp 357-376.

ADA PT 7-11,421

Sci/Phys
mar 68

351,160

Meteorological Locket System, by F. Wilckens,
173 pp.

German, rpt, Flugwissenschaftliche Forschung
sammlung N.F., Oct 1941. Ppt No 21. 9675963

Location of Info Center

Del-Mero

Mar 49

Analysis of World Communist Movement and the
First Stand of the New Zealand Communist
Party, by V. G. Wilson, 51 pp.
LIT-2401, por, Lit-2401, Supplement No 1,
21 Aug 1964, pp 1-41.
JPRS 28336

New Zealand
201
Per 03

775,916

12

Branch Agreements in Automotive Transport,
by Martin W. [unclear] 8 pp.
FOLIO, pp. [unclear], No 4, 1964, pp 78-81.
JPRS 2000

EE-7600
Don
Aug 64

244,000

Investigations of the Reaction of -origin Cell
DNA (Deoxyribose Nucleic Acid) by the Lymphocytes
in Vitro, by Tadeusz Mileczok, et al. 5 pp.
Pittsburg, Pa., Przeplad Lekarski (Medical Review),
No 9, 1964, pp 415-417.
Pitt 2-751

352-69

July 69

387,342

Tadeusz Mileczok

Specialization and Export of Machines in the
Polish Long-Term Plan, by Ryszard Wilczowski.

ROLISU, per, 8 Przegląd Techniczny, 22 Nov 1961,
p 5.

FID Sum 3454

MBur - Poland
Econ
Mar 62

187, 725

(NY-493/14)

Development of Machine-Building Industry, by
Ryszard Wilczewski, 17 pp.

POLISH, per, Gospodarka Planowa, Vol XVI, No 3,
1961, pp 20-25.

JPRS 9696

EBar - Poland

161, 518

Econ

Aug 61

Jun 60

(NY-3500)

SEITE

Study of the Structure of the Demand for Capital
Equipment, Ryszard Wilczewski, 21 pp.

POLISH, per, Gospodarka Planowa, Vol XIV, No 10,
Warsaw, 1990, pp 28-36.

JPRS 2888

EEur - Poland

Econ - Manufacturing

Jun 60

120,081

URGE IMPROVEMENT IN THE SHIFT EMPLOYMENT INDEX
IN ENGINEERING INDUSTRY, BY RYSZARD WILCZEMSKI,
7 PP.

POLISH, PRG, GOSPODARNA PLANOWA, NO 12, 1962,
PP 6-8.

JPRS 17063

LEUR - POLAND
ECON .
MAR 63

284,003

Calculation of Forces in Fault Limiting Reactors,
by K. Wilczynski.

POLISH, per, Przegląd Elektrotechniczny, Vol XXI,
1955, pp 156-165.

ILL M. 3216

Sci - Engr

Apr 62

189,819

NCM-200 547

Field 26K

Wieloznaczny
ON CERTAIN GENERALISATION OF HUBER CRITERION
APPLIED IN ANALYSIS CREEP (O Pewnym Uogólnieniu
Huberowskiej Hipotezy Wytrzymałości w Zastosowaniu do
Błazni Płynięcia). 1949, 10p (foreign text included) 4rds.
NEL-Trans-1244.
Order from NAL

Trans. of Przegled Mechaniczny (Polski) 400 400 400 4
1949.

1. National Engineering Lab.,
East Kilbride (Scotland)

30 11/3
H004110

Continuous Sulfonation of Naphthalene, by Will, 5 p.

GETMAN, Leon, Vorläufige Mitteilung über die
Kontinuierliche Sulfierung von Naphthalin, Hochst,
14 Apr 37, FB 58 725.

SLA 59-17143

Sci
Apr 60
Vol III, No 2

111,667

The Removability of Scale From Steel ~~Excess~~ Plates,
by Raedeker, Wild. UNCLASSIFIED

GERMAN, per, Stahl u Eisen, Vol ~~LXXVIII~~ LXXVIII,
23 Jan 1958, pp 100-103.

Co-op Tr Scheme
Tr 888

Sci - Min/Metals
Apr 58

62,590

WILD, A.

The Retention of phosphate by Soil. A Review.

Russian. Pochvoved, No 1, 1950.

Sci Museum Lib
50/2484

A13019

News Concerning the Spectroscopic Examination of
Minerals 1), by Wild, G.O. and Klemm, R., 3 p.

Sapphire

GERMAN, per, Zentr Mineralog Geolog u Palaeontolog A.,
No 9, 1925, p 273.

SIA Tr 3181

Sci

Jun 58

65,001

The Wild Ballistic Camera, by H. Wild, 16 pp.
UNCLASSIFIED

GERMAN, Issued by Surveying Instruments Supply
Co. Ltd. Heerbrugg, Switzerland.

R.A.E. Farnborough Tr 20/

Scientific - Physics
OTS/DEX

17,486

Analysis of the Group Behaviour of Heat Resisting
Ferritin Beads at Temperatures of 450 to 600°C, 41

by M. Wink

CHIMIA, par, Archiv für Eisenhüttenwesen,
Vol XLIV, No 12, 1964, pp 935-942.

non 242

GB/41/3621

Sci - M/64

Jan 64

241,121

Investigations on the Johnson Procedure of
Aluminum Production. PT. II. Experiments on
a Semi-Industrial Scale, by E. Ochsberg, G. Wilde,
28pp
Ochsberg, E., ~~Inst. für Eisen- und Metallurgie,~~
Vol 6, 1955, No 20, pp 173-183
SEA TT-G-20760

G. Wilde

Sci - Meta
July 67

330,903

The Calorific Efficiency of Bituminous Coal
Hydrogenation, by Wilde, Schappert, 17 pp.

No journal cited.

SLA Tr 2694

Sci - Chemistry, fuels
Oct 57

54, 454

Investigations on the Growth and
Storage Substance Synthesis of Hydrogenomonas
by E. Wilde.

GERMAN, par, Arch Mikrobiol, Vol XLIII,
1962, pp 109-137.

NASA TT F-10,311

E. Wilde

U. S. GOVERNMENT USE ONLY

Sci-84M

Dec 66

316,471

Process and Automatic Machine for Producing Plastic
Material Cartridges, Especially Explosive Cartridges
by Paul R De Klein Wilde, Georges Marguerat, 7 pp.

FRENCH, patent no 1,103,117.

US Dept of Commerce
Patent Office
Sci Lib (gift)

60,760

Sci - Engr
Apr 58

Attempts at Improving the Size Consist of
Unwashed Mechanically-Won Coal at the Furst
Leopold-Baldur Pit, by G. Wilde.

BERMAN, per, Gluckauf, Vol XCVI, No 14,
2 Jul 1960, pp 853-863.

RCB A.1871
P.541

Sci

Aug 61

Lat No 41

163,552

Variable Sweep Frequencies in Oscillating Circuits,
by H. Feldtkeller, H. Wilde, 22 pp.

GERMAN, per, Telegraphen u Fernsprech-Technik,
Vol XXX, No 12, 1941, pp 347-352.

8 (LA Tr 57-1480

Sci - Physics

54,491

Oct 57

An Accelerometer on the Basis of Magnetostriction,
by Hans ~~Wilde~~, Erwin Eisele, 33 pp.
GERMAN, per, Z. ~~Ausgewandte Physik~~, No 1,
1949, pp 359-366. 9228615
AEC-UCRL-Tr-1178(L)

Sci-Phys
Apr 65

279,428

The Blood Supply of the Talus, by E. Wildenauer, 5 pp.

GERMAN, per, Z fuer Anat und Entwick, Vol CXV,
1950, pp 32-36.

NIH Tr 6-39

Sci - Biology
Jul 57

49,475

New Method of Direct Determination of Oxygen
Applied Especially to Coals, by R. Wildenstein.

FRENCH, per, Chaleur et Ind, Vol XXXII,
No 315, 1951, pp 293-298.

Broken Hill Prop Co Ltd
(CRL/T.138)

Sci - Min/Met

191,720

Apr 6
2

On a New Principle for the Production of Higher
Voltages, by E. Wilderbe.

Full translation.

GERMAN, per, Archiv fur Elektro technik, Vol 21,
1928, pp 387-406.

AEC Tr 1237

Scientific - Electricity

110000

Wildhack, R.
COLCEMIDE AND MYLERAN IN THE TREATMENT
OF CHRONIC MYELOSIS (Colcemid und Myleran in
der Behandlung der Chronischen Myelose). Mar 63,
13p, 31 refs.
Order from SLA \$1.60

TT-63 16344

Trans. of D[eutsch[e] Med[izinische] W[ochen]schr[ift]
(West Germany) 1957, v. 82, p. 342-346.

DESCRIPTORS: *Antineoplastic agents, Drugs,
*Leukemia, Therapy, *Myleran.

TT-63 16344

1. Title: Demecolcine
2. Title: Colcemide
1. Wildhack, R.

[Biological Abstracts: Pharmacology, TT, v. 11, no. 1]

Gauging of Roll Forge and Torque in Hot-Rolling
and Calculation of Compressive Strength, by W. Dahl,
B. Wildschutz, J. Langer.

GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXXII,
Apr 1961, pp 213-219.

BISI 2782

Sci - Engr

Jul 62

203,517

list 136

ISRAELI COMMUNISTS OPPOSE ENTRY INTO COMMON
MARKET, BY ESTER WILENSKA, 7 PP.

HEDREW, HP, KOL HAAM, 7 OCT 1962, PP 2, 5.

JPRS 16525

ME - ISRAEL

POL.

DEC 62

210,107

A Sober Look at the Cairo Conference, by
Esther Silenska, 7 pp.

Albion, np, Hol Haam, 16 Oct 64, p 2.

JPRS 27592

AAA-Africa

(DC-3801)

WORKERS' CAMPAIGNS IN ISRAEL AND ABROAD
STIMULATE CLASS STRUGGLE, BY ESTHER WILENSKA,
6 PP.

^{IP}
HEBREW, ~~REX~~, KOL HAAM, 12 JUN 1962, P 2.

JPRS 14,428

MIDDLE EAST - ISRAEL

POL

JUL 62

202,926

Methods on the Strength and Rigidity of Car Bodies
by K. Wilfert, E. Finia, 47 pp.

GERMAN, per, ATU Automobiltechnische Z,
Vol LXI, No 9, 1959, pp 237-246.

SLA 60-14490

and

Apr 61

163,250

STB, Vol III, No 12

Transverse Spring Suspension in Motor Vehicles, by
K. Wilfert, E. Fiala, 10 pp.

GERMAN, per, Automobiltechnische Z, Vol LVII, No 5,
1955, pp 135-142.

CIA/PDD XI-893

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Engr

Sep 60

USIE INTERNAL USE ONLY

125,846

125,846

Transmitted by Air Mail, Sat. For Patent (631011)
by Mark W. Hest, John Hest, et al.

Patent, No. 2,511,000

LA: 11-18265

Dep't of Commerce
Patent Office
Sci. Div.

Pat. - Engineering
Dep't.

125,000

Upgrading of Printing Papers Containing Ground
Wood With the Help of a Size Press, by
H. Wildinger.

GERMAN, *ver*, Maschinenblatt für Papierfabrikation,
Vol LXXXV, No 18, 1957, pp 695-704.

CSIRO

Sci - Engr
Aug 62

211, 495

TT-65-1371* Field 11L

Arfänger, H.
PROCESS FOR PAPER FINISHING. 7p.
Order from SLA: 91.19 as TT-65-1371*

Trans. of Patent (Germany) 758 570.
Patented by I. G. Farbenindustrie, granted 2 Mar 53.

MR 66.1

(NY-4021)

... of the ... Section
of the VEB Transformer and A-Ray Works, Dresden,
and the VEB "Karl Liebknecht" Transformer Works,
by ... 3 pp.

GERMAN, ... Electric, Vol XIII, No 11, 1959,
Berlin, p. U-113.

JPRS 5851

... - Germany
...
...

131,178

The Influence of Various Chemical Auxiliary
Products in the Manufacture of Printing Papers,
by H. Wilfinger, 9 pp.

GERMAN, per, Das Papier, Vol XI, No 1-2, Jan 1957,
pp 106.

SLA Tr 57-835

Sci - Chem

53,122

Sep 57

100-2-100

(NY-4465)

Production of High-Power Transformers in East
Germany, by Poers W. Wilfling, 11 pp.

GERMAN, per, Elektris, Vol XIV, No 5, Berlin,
1960, pp 33-36.

JPRS 5756

EEur - Germany

Econ

Oct 60

129,154

Preparation of "Wet Strength" Papers by
Addition of Synthetic Resins to Paper Pulp, by
H. Wilfinger, 26pp.

GERMAN, per, Angew Chemie, Vol LXII, No 17, 1950,
pp 405-409.

SLA Tr 840/1955

Sci - Chem

50,160

Jul 57

TT-65-13719

Field 11L

Alfingger, H.

PROCESS FOR PAPER FINISHING. 7p.

Order from SLA: \$1.10 as TT-65-13719

Trans. of Patent (Germany) 75# 570.

Patented by I. G. Farbenindustrie, granted 2 Mar 53.

MH 6a.]

The Determination of Thorium on the Millimicrogram Scale, by E. Picciotto, S. Wilgoin, 11 pp.

GERMAN, per, Anal Chim Acta, Vol XVI, 1957, pp 530-540.

AEC 3483

Bel - Chen

Jan 59

79,761

Draft Studies - XI, by A. Wilhelm,
R. Schon.

GERMAN, per, Textil-~~Praxis~~Praxis,
No 10, 1957, pp 971-975.

CSIRO

Sci - Engr
Jun 62

201,136

Evaluation of Replies to a Questionnaire on the
Life of Rolls in Special Steel Rolling Mills, by
E. Wilhelm.

OKMAN, per, Stahl und Eisen, 1 Sep 1960,
pp 1207-1211.

BISI 1963

Sci - Engr

Mar 61

141,393

Autolysis of Yeast and Associated Deterioration of the
Flavor of Beer, by C. Wilkema, 6 pp.

CHIMIE, pour Algen Brauer- u Hopfenstg, Vol 801,
No 42, Frankfurt, 1951, pp 57-59.

Assoc Tech Serv
76H193

Sci

2

Aug 58

71,386

Comparative Electron Optical Examination of the
Substantia Compacta of the Diaphysis of the
Tibia in Normal, Strontium Pseudorachitic and
Rachitic Rats and in a Rachitic Child Who Had
Died of Tetany, by O. Wilhelm, G. Lippert.

GOVERNMENT USE ONLY

GERMAN, per, Monatsschrift für Kinderheilkunde,
Vol 110, 1962, pp 217-220.
NASA TT 6-11,053

Sci
Dec 68

371,173

Comparative Testing of 14 Products with Cytostatic Activity on 7 Animal Tumors, by H. Oettel, O. Wilhelm, 59 pp.

GAHNAN, per, Arch exper Path u Pharmacol, Vol CCXXX, 1957, pp 589-593.

WIR Tr 5-15

Sci - Med
May 58

64,284

NEW MAINTENANCE SCHEDULE FOR MACHINE TOOLS,
BY HELEN STEWART, GENE WILSON, 19 PP.

GENERAL, FOR THE MECHANICAL, VOL III, NO 1,
1963, PP 175-180.

JTS 20270

FINAL-REVIEW

ECM

JULY 63

234.93

Discovery and Use of the Vitamin T Complex, by
Goetsch Wilhelm, 10 p.

GENEVA, Naturwissenschaftliche Rundschau, 1948,
Vol I, No 3, pp 115-118.

SLA 59-17201

STEEL, H.

Steel M. Steel, vol. 55, pp. 1427-1430, 4
plates, 1971.

production of Low Carbon Steel in Basic Open
hearth furnaces from scrap and without special
inert gas additions.

Metall. Trans., Order No. 810, 11.70

The Precious-Metal, High-Speed Relay, by H.
Wilhelm, G. Braunmann, 5 pp.

GERMAN, per, Siemens Z, Vol XXXI, No 4,
1957, pp 179-181.

ATB 521285

Sci-Electric
Jun 59
OTB I, 10

89,706

Investigation of Mixing in a Cold Model of
 a Gas-Heated Glass-Elting Furnace: 74
 Part II: Experiments with Models Including
 Evaluation of the Expansion of the Gases
 during Combustion, by H. H. Wilhelm.
 J. Res. Nat. Bur. Stand., Ser. A, Vol. 66, No. 6,
 1962, pp. 232-237. 0230733
 100 Tr. No. 1003

H. H. WILHELM

• 0230733
 0230733
 0230733

0230733

The Theory of Probes in Electronegative Gases,
by Johannes Wilhelm, 8 pp.

GERMAN, per, Annalen der Physik, Vol VII,
No 7/8, 1953, pp 401-409.

A.E.B.E. Harwell Tr 461

Sci - ~~Physics~~ Electricity, ionization of gases

Physics

31,960

The Construction of the Big Muehldorf Lake Dam,
Austria, by Wilhelm Steinboeck.

GERMAN, per, Zement und Beton, No 7, 1956,
pp 1-5.

Dept of Interior
TOD23 A358 No 390

del - Engr

270, 137

9ep 62

Screw thread roll, by Meltzer Willala, 6 pp.

RECAP, Patent No 837,000

US Dept of Commerce
Patent Office
at 100 (512)

Sol - Engineering
Box 50

16, 619

The Chart-Graphs: Their Anatomy, Systematics and
Developmental History, by Oskar Hertwig,
and Dr. August Oskar.

121000.

Dept of Interior
S-211 & 2 No 3-2

121000.

121000.

The Means for Preparing Foods in the Field, by
R. Wilhelm, 20 pp, (ID 2027155).

FRANCE, per, Revue de l'Intendance Militaire,
No 37, 1956, pp 90-109.

ACS, I, C-7301

War - France
Military
Nov 56 OTS

40,682

Interface Phenomena in the System Water-Bituminous
Binders and their Importance in Road Building,
by R. Wilhelm.

GERMAN, per, Bitumen, Teere, Asphalte Pecher u
Verwandte Stoffe, Vol V, No 4, 1954, pp 103-107;
Vol VI, No 1, pp 12-20.

ASLIB-GB29

Sci
Aug 58

70,456

Bath for Producing by Electrodeposition High
Luster Chromium Coatings from Cold Tetrachromate
Baths, by Rognendorf Wilhelm, 4 pp.
GERMAN, Patent No. 1,106,575

Rognendorf Wilhelm

Sci/Methods and Equipments
Jan 60

345,949

Functional Form Changes in the Model of Culin of
the Protein-Structure of Mice, by Wilhelm Kottmann,
1978.

Abstract, for, Zeit fur Krebsforschung, Vol III,
1978, pp 673-678.

III 7-9

Sci - Medicine
Aug 78

93, 123

Wilhelmi, R. and Schulze, K.
 EFFECT OF WATER ON ADHESION OF BINDERS
 TO SOLIDS. Pt. 2 of Boundary Surface Processes in
 Water-Bituminous Binder Systems and their Importance
 in Construction Practice. [1960] 34p. (23 figs. omitted)
 8 refs.

Order from SLA m\$3.00, p\$6.00 61-10208

Trans. of Akumen, Teere, Asphalt, Pecher [und
 Verwandte Stoffe] (West Germany) 1955, v. 6 [no. 1]
 p. 12-20.

The process of rupture of the binder film on immersion in water has been observed under the microscope. First water penetrates through the closed binder film to the solid body, where it collects in the form of minute bubblelets. In some binders, the thinner film over such a bubblelet then ruptures, thus giving the water direct access to the solid. Then only is there visible binder displacement (pushing aside), to a certain extent depending on the binder.

(Materials, IT, v. 5, no. 5) (over)

61-10208

1. Bituminous coatings--
 Adhesion
2. Adhesion--Analysis
- I. Wilhelmi, R.
- II. Schulze, K.
- III. Title: Boundary ...
- IV. Title: Bituminous ...

Office of Technical Services

Binders that are greatly displaced (pushed aside) need not however manifest the poorest adhesion. Binders were tested in which adhesion vanished completely, i.e. which were easily detachable and where comparatively large outlets were formed between binder coating and the solid body, but where the film of binder would not rupture and withdraw from the solid surface even after very prolonged immersion. (Author)

pg. 61-10208

REPRODUCTION OF THIS BOOK IS STRICTLY PROHIBITED.
BASED ON THE BEST AVAILABLE INFORMATION, IN
ALL VOLUMES, 11 PP.

REPROD. FOR THE NATIONAL ARCHIVES, NO 1.
1948, 17 SEP-48.

JUN 1948

Studies on The Atomic Nucleus Structure with
Reactor "ENA", by M. Wilhelmi, 13 pp.

POLISH, per, Nukleonika, Vol V, No 7-8,
1960, pp 467-480.

AEC Tr-4162

Sci

Jan 63

220,58

Cross Sections of Nuclei for n, p, Reaction, by
Z. Wilhelmi.

POLJEE, paper, P/945, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva 8-20 Aug 1955, Vol II.

Internatl Conf -- UN

Sci - Nuclear Physics CIA 1-669.9.162

52,099

In the Reaction of the Skin to Long-Wave X-ray
and Cathode Radiation, by E. Wilhelmy, **UNCLASSIFIED**

GERMAN, per, Strahlentherapie, Vol LV, 1936, II
pp 450-523.

TPA3/TIB T 4279

17, 671

Scientific - Medicine,

The River Plate Countries, by Herbert Wilhelmy, 22
Wilhelm Rohndor, 490 pp.
GERMAN, rpt, Die La Plata-Lander, 1963,
pp 18-88, 204-210, 215-216, 270-260,
264-272, 315-615.
DIA LN 287-65

Herbert Wilhelmy

Sub-Eur/German/Geogr
Apr 66

298,619

Bulletin of the Information Center on Nuclear
Data, by Elmer K. Wilip. 84

RUSSIAN, per, Syull Inform Tsentra Yadern
Dannya, No 1, 1964, pp 5-433.

AEC ANL-tr-168

Elmer K. Wilip

Sci - Phys

Sept 67

342,277

WILK, M.
SEMICONDUCTOR PROPERTIES OF AROMATIC
HYDROCARBONS. [1960] 11p.
Order from ATS \$14.60

ATS-ZSN48G

Trans. of Zeitschrift für Elektrochemie (West
Germany) 1960, v. 64, no. 7, p. 930-936.

(Physics--Solid State, TT, v. 3, no. 8)

61-12800

1. Hydrocarbons--Electrical
properties
2. Semiconductors--Materials
- I. WILK, M.
- II. ATS-ZSN48G
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

(DC-2700)

AUTOMATION IN PETROLEUM EXPLOITATION, BY
ZDZISLAW WILK, 6 PP.

POLISH, PER, NAFTA, VOL XVIII, NO 5, 1962,
PP 125-127.

JPRS ZR 15047

EEUR - POLAND

ECON .

SCI - MIN/MET

SEP 62

209,573

New Methods in the Manufacture of Carbon
Disulphide, by A. Wilke.

GERMAN, per, Faserforsch u Textiltech, Vol
VIII, Sep 1955, pp 341-350.

ASLIB-GB121

Sci

Aug 78

71,661

61-10216

1. Cellulose Processing
2. Air Contamination
3. Sanitary engineering
1. Wilke, A.

Faserforsch. und Textiltech. (Germany)
1959, v. 10, no. 3, p. 397-400.

Office of Technical Services

(Engineering - Sanitation, P.L. v. 5, no. 4)

Wille, G. and Kröner, M.
SYNTHESIS OF CYCLODODECATRIENE AND AROMATIC COMPLEXES. (1962) 1p.
Order from SLA \$1.10

62-16744

Trans. of article from an unidentified source, n. d.

DESCRIPTORS: *Complex compounds, Benzene, Chromium catalysts, Aluminum compounds, Chlorides, Chemical reactions.

During the reaction of aluminum triethyl with chromyl chloride in absolute benzene, very finely divided suspensions of low-valency chromium compounds were formed in a mixture with aluminum-organic compounds. When butadiene is added to such a suspension, with vigorous stirring and at 40°C and normal pressure, a mixture of 40% trans, trans, cis-cyclo-dodecatriene-(1, 5, 9) (Fp. 18°C) and 60% all-trans- (Chemistry-Organic, IT, v. 8, no. 6) (over)

62-16744

I. Wille, G.
II. Kröner, M.

Office of Technical Services

cyclododecatriene-(1,5,9) ($Pp + 34^{\circ}C$) is formed. The primary step of this cyclododecatriene synthesis consists of the formation of a 18-electron complex of three butadiene molecules with the transition metal atom of the catalyst. In this complex, the three new C-C bonds are formed. The cyclododecatriene detaches itself subsequently from the chromium atom so that new butadiene molecules may approach. A similar but stable 18-electron complex was obtained with the chromium atom of our cyclization catalyst. Six π electrons interacted with each chromium atom and two aromatic

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